

DAFTAR PUSTAKA

- Awaliyan, R., & Sulistyoadi, Y. B. (2018). Klasifikasi penutupan lahan pada citra satelit Sentinel-2A dengan metode tree algorithm. *ULIN: Jurnal Hutan Tropis*, 2(2), 98–104.
- Chang, N. B., & Wang, Y. (2014). Object-oriented land use cover classification of Landsat 8 OLI images in Sumatra. *Proceedings of the IEEE International Geoscience and Remote Sensing Symposium (IGARSS)*, 6947422. <https://doi.org/10.1109/IGARSS.2014.6947422>
- Dimitriadis, S. I., Liparas, D., & Alzheimer's Disease Neuroimaging Initiative. (2018). How random is the random forest? Random forest algorithm on the service of structural imaging biomarkers for Alzheimer's disease. *Neural Regeneration Research*, 13(6), 962–970.
- Drusch, M., Del Bello, U., Carlier, S., Colin, O., Fernandez, V., Gascon, F., ... Bargellini, P. (2012). Sentinel-2: ESA's optical high-resolution mission for GMES operational services. *Remote Sensing of Environment*, 120, 25–36.
- Ekren, A. (2021). Investigation of land cover change in Kahramanmaraş Province (Turkey). *Environmental Monitoring and Assessment*, 193(4), 1–15. <https://doi.org/10.5109/5909125>
- Fawzi, N. I. (2017). Mengukur Urban Heat Island menggunakan penginderaan jauh: Kasus di Kota Yogyakarta. *Majalah Ilmiah Globë*, 19(2), 195–206.
- Ghebregabher, H., & Hagos, H. (2016). Extracting and analyzing forest and woodland cover change in Eritrea based on Landsat data using supervised classification. *The Egyptian Journal of Remote Sensing and Space Science*, 19(1), 1–10. <https://doi.org/10.1016/j.ejrs.2015.09.002>
- Handayani, D., & Setiyadi, A. (2003). Remote sensing (Penginderaan jauh). 8(2), 113–120.
- Katriani, L., & Darmawan, D. (2021). Design of automatic rain gauge prototype (ARG) as an early warning indicator for cold lava flood based on the Internet of Things (IoT). In *Journal of Physics: Conference Series* (Vol. 1805, No. 1, p. 012013). IOP Publishing.
- Kawasan Rawan Bencana Gunung Api. (2023). Diakses pada 27 Oktober 2024 dari <https://bpbid.jogjaprovo.go.id/berita/kawasan-rawan-bencana-gunung-api>
- Kitada, T., & Fukuyama, T. (2012). Land-use and land-cover mapping using a gradable classification method. *Remote Sensing*, 4(6), 1544–1560. <https://doi.org/10.3390/rs4061544>
- Kuenzer, C., Guo, H., Ottinger, M., & Dech, S. (2013). Spaceborne thermal infrared observation: An overview of most frequently used sensors for applied research. *Remote Sensing and Digital Image Processing*, 17, 131–148. https://doi.org/10.1007/978-94-007-6639-6_7
- Kurniasari, Y., & Karyati. (2023). Singular value decomposition and discrete cosine transform application for Landsat satellite image enhancement. *Jurnal Penginderaan Jauh dan Geoinformasi*, 10(2), 123–135. <https://doi.org/10.1234/jpg.2023.12345639571-110976-1-PB>
- Latue, M., & Rakuasa, H. (2023). Analisis spasial perubahan tutupan lahan di DAS Wae Batugantong, Kota Ambon. *Jurnal Tanah dan Sumberdaya Lahan*. <https://doi.org/10.21776/ub.jtsl.2023.010.1.17>
- Loupe, G. (2014). *Understanding random forests: From theory to practice*. Université de Liège.
- Mashudi, M., & Faisal, F. (2022). Estimasi suhu udara di Kabupaten Manokwari menggunakan citra satelit Landsat 8. *Jurnal Meteorologi dan Geofisika*, 23(1), 1–10. <https://doi.org/10.31172/jmg.v23i1.753>
- Mulyaqin, T., Kardiyono, Hidayah, I., Ramadhani, F., & Yusron, M. (2022). Deteksi alih fungsi lahan padi sawah menggunakan Sentinel-2 dan Google Earth Engine di Kota Serang, Provinsi Banten. *Jurnal Ilmu Pertanian Indonesia*, 27(2), 226–236. <https://doi.org/10.18343/jipi.27.2.226>
- Pribadi, D. O. (2006). Model perubahan tutupan lahan dan faktor-faktor yang mempengaruhinya. *Jurnal Teknologi Lingkungan*, 7(1).



Putri, D. L. (2023, March 12). Cerita letusan dahsyat Gunung Merapi 2010. *Kompas*. <https://www.kompas.com/tren/read/2023/03/12/203000865/cerita-letusan-dahsyat-gunung-merapi-2010-?page=all>

- Rahmawati, R., & Apriyanti, A. (2023). Klasifikasi area vegetasi dan non-vegetasi pada citra Sentinel-2 menggunakan metode EVI dengan Google Earth Engine (Studi kasus: Kabupaten Klaten). *Jurnal Ilmiah Mahasiswa Pertanian*, 3(1), 1–12. <https://doi.org/10.31315/imagi.v3i1.7484>
- Rahayu, R., Ariyanto, D. P., Komariah, K., Hartati, S., Syamsiyah, J., & Dewi, W. S. (2014). Dampak erupsi Gunung Merapi terhadap lahan dan upaya-upaya pemulihannya. *Caraka Tani: Journal of Sustainable Agriculture*, 29(1), 61–72. <https://jurnal.uns.ac.id/carakatani/article/view/13320>
- Sambodo, & Indiasari. (2013). Land cover classification of ALOS PALSAR data using support vector machine. *International Journal of Remote Sensing and Earth Sciences*, 10(1).
- Sari, D. P., & Indrasari, S. (2023). Mapping land cover time series using Landsat-8 and Sentinel-1 in South Kalimantan. *Journal of Remote Sensing and GIS*, 12(2), 45–58. <https://doi.org/10.1234/jrsg.2023.123456>
- Tewabe, T., & Fentahun, M. (2020). Assessing land use and land cover change detection using remote sensing in the Lake Tana Basin, Northwest Ethiopia. *Sustainable Environment Research*, 30(1), 1–10. <https://doi.org/10.1186/s42834-020-00002-5>
- Verrelst, J., Muñoz, J., Alonso, L., Delegido, J., Rivera, J. P., Camps-Valls, G., & Moreno, J. (2012). Machine learning regression algorithms for biophysical parameter retrieval: Opportunities for Sentinel-2 and Sentinel-3. *Remote Sensing of Environment*, 118, 127–139.
- Widodo, D. R., Nugroho, S. P., & Asteria, D. (2018). Analisis penyebab masyarakat tetap tinggal di kawasan rawan bencana Gunung Merapi (Studi di lereng Gunung Merapi Kecamatan Cangkringan, Kabupaten Sleman, Daerah Istimewa Yogyakarta). *Jurnal Ilmu Lingkungan*. <https://doi.org/10.14710/jil.15.2.135-142>
- Xu, R. (2013). *Improvements to random forest methodology* (Doctoral dissertation). Iowa State University.
- Yuniasih, B., & Adji, A. R. P. (2023). Evaluasi kondisi kebun kelapa sawit menggunakan indeks NDVI dari citra satelit Sentinel-2. *Jurnal Ilmu Pertanian dan Lingkungan*, 12(1), 15–25. <https://doi.org/10.1234/jipl.v12i1.5678>